

WHAT IS CLAIMED IS:

1. A process for migrating one or more enhancements into a system, where the system comprises one or more program modules and where an enhancement comprises at least one of modifying one or more program modules and adding one or more program modules, the process comprising the steps of:

5 receiving one or more enhancements from a developer;

generating at least one trigger file associated with the one or more enhancements, where the at least one trigger file is generated based on information associated with the one or more enhancements and the trigger file includes instructions for migrating the enhancements and the one or more enhancements;

10 migrating the one or more enhancements into the system based at least in part on the generated at least one trigger file; and

receiving an indication of whether the step of migrating the one or more enhancements was successful.

15 2. The process according to claim 1, where a trigger file is generated for each enhancement.

3. The process according to claim 1, further comprising the step of archiving a copy of at least a portion of the system, where the at least a portion of the system includes a portion of the system to be modified by the at least one enhancement.

20 4. The process according to claim 3, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the process further comprises the steps of:

reversing the migration of the one or more enhancements into the system; and

reinstalling the archived copy of at least a portion of the system into the

5. The process according to claim 1, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the process further comprising the steps of:

migrating the one or more corrected enhancement into the system based at
10 least in part on the generated at least one new trigger file; and

6. The process according to claim 1, where, if the received indication indicates that the migration of the one or more enhancements was successful, the process
15 further comprises the steps of:

conducting an acceptance test on the one or more enhancements by the one or more designated individuals; and

7. The process according to claim 6, where, if the received second indication indicates that the acceptance test was successful, the process further comprises the step of notifying the one or more designated individuals that the model or production

system is available for production use.

8. The process according to claim 6, where, if the received second indication indicates that the acceptance test was unsuccessful, the process further comprises the steps of:

5 returning the one or more enhancements to the developer for correction;

receiving the one or more corrected enhancements from the developer;

generating a new trigger file associated with the one or more corrected enhancements;

migrating the one or more corrected enhancement into the system based at
10 least in part on the generated at least one new trigger file; and

receiving an indication of whether the step of migrating the one or more corrected enhancement was successful.

9. The process according to claim 6, further comprising the step of archiving a copy of at least a portion of the system, where the at least a portion of the system includes the portion of the system to be modified by the at least one enhancement.

10. The process according to claim 9, where, if the received second indication indicates that the migration of the one or more enhancements was not successful, the process further comprises the steps of:

reversing the migration of the one or more enhancements into the system; and

20 reinstalling the archived copy of at least a portion of the system into the
system.

11. A process for migrating one or more enhancements into a system, where the system comprises one or more program modules and where an enhancement comprises at least one of modifying one or more program modules and adding one or

more program modules, the process comprising the steps of:

receiving one or more enhancements from a developer;

generating at least one trigger file to be associated with each of the one or more enhancements, where the at least one trigger file is generated based on the information associated with the one or more enhancements and the trigger file includes instructions for migrating the enhancements and the one or more enhancements;

archiving a copy of at least a portion of the system, where the at least a portion of the system includes the portion of the system to be modified by the at least one enhancement;

migrating the one or more enhancements into the system based at least in part on the generated at least one trigger file; and

receiving an indication of whether the step of migrating the one or more enhancements was successful.

12. The process according to claim 11, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the process further comprises the steps of:

reversing the migration of the one or more enhancements into the system; and

reinstalling the archived copy of at least a portion of the system into the system.

13. The process according to claim 11, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the process further comprises the steps of:

returning the one or more enhancements to the developer for correction;

receiving the one or more corrected enhancements from the developer;

generating a new trigger file associated with the one or more corrected enhancements;

5 migrating the one or more corrected enhancement into the system based at least in part on the generated at least one new trigger file; and

receiving an indication of whether the step of migrating the one or more corrected enhancement was successful.

14. The process according to claim 11, where, if the received indication indicates that the migration of the one or more enhancements was successful, the process
10 further comprises the steps of:

notifying one or more designated individuals about the successful migration of the one or more enhancements;

conducting an acceptance test on the one or more enhancements by the one or more designated individuals; and

15 receiving a second indication of whether the acceptance test was successful from at least one of the one or more designated individuals.

15. The process according to claim 14, where, if the received second indication indicates that the acceptance test was successful, the process further comprises the step of notifying one or more designated individuals that the production system is
20 available for production use.

16. The process according to claim 14, where, if the received second indication indicates that the acceptance test was unsuccessful, the process further comprises the steps of:

returning the one or more enhancements to the developer for correction;

receiving the one or more corrected enhancements from the developer;

generating a new trigger file associated with the one or more corrected enhancements;

5 migrating the one or more corrected enhancement into the system based at least in part on the generated at least one new trigger file; and

receiving an indication of whether the step of migrating the one or more corrected enhancement was successful.

17. The process according to claim 14, where, if the received second indication indicates that the migration of the one or more enhancements was not successful, the
10 process further comprises the steps of:

reversing the migration of the one or more enhancements into the system; and

reinstalling the archived copy of at least a portion of the system into the system.

18. A system for migrating one or more enhancements into a production system,
15 where the production system comprises one or more program modules and where an enhancement comprises at least one of modifying one or more program modules and adding one or more program modules, the system comprising:

a receiver module for receiving one or more enhancements from a developer;

20 a processor module for generating at least one trigger file associated with the one or more enhancements, where the at least one trigger file is generated based on the information associated with the one or more enhancements and the trigger file includes instructions for migrating the enhancements and the one or more enhancements;

a migration module for migrating the one or more enhancements into the

system based at least in part on the generated at least one trigger file; and

where the receiver module receives an indication of whether the migrating of the one or more enhancements was successful.

19. The system according to claim 18, where a trigger file is generated for each
5 enhancement.

20. The system according to claim 18, further comprising an archive module for archiving a copy of at least a portion of the system, where the at least a portion of the system includes a portion of the system to be modified by the at least one enhancement.

21. The system according to claim 20, where, if the received indication indicates
10 that the migration of the one or more enhancements was not successful, :

the migration module reverses the migration of the one or more enhancements into the system; and

the archive module reinstalls the archived copy of at least a portion of the
15 system into the system.

22. The system according to claim 18, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the system further comprises a transmitter module for returning the one or more enhancements to the developer for correction, and

20 the receiver module receives the one or more corrected enhancements from the developer;

the processor module generates a new trigger file associated with the one or more corrected enhancements;

the migration modules migrates the one or more corrected enhancement into

the system based at least in part on the generated at least one new trigger file; and

the receiver module receives an indication of whether the migrating of the one or more corrected enhancements was successful.

23. The system according to claim 18, where, if the received indication indicates
5 that the migration of the one or more enhancements was successful, the system further comprises

a transmitter module for notifying one or more designated individuals about the successful migration of the one or more enhancements;

an acceptance testing module for conducting an acceptance test on the one or
10 more enhancements;

wherein the receiver module receives a second indication of whether the acceptance test was successful from at least one of the one or more designated individuals.

24. The system according to claim 23, where, if the received second indication
15 indicates that the acceptance test was successful, the transmitter module notifies one or more designated individuals that the production systems is available for production use.

25. The system according to claim 23, where, if the received second indication indicates that the acceptance test was unsuccessful, the system further comprises a
20 transmitter module for returning the one or more enhancements to the developer for correction, and wherein:

the receiver module receives the one or more corrected enhancements from the developer;

the processor module generates a new trigger file associated with the one or
25 more corrected enhancements;

the migrating module migrates the one or more corrected enhancement into the system based at least in part on the generated at least one new trigger file; and

the receiver module receives an indication of whether the migrating of the one or more corrected enhancements was successful.

- 5 26. The system according to claim 23, further comprising the step of archiving a copy of at least a portion of the system, wherein the at least a portion of the system includes a portion of the system to be modified by the at least one enhancement.

- 10 27. The system according to claim 26, where, if the received second indication indicates that the migration of the one or more enhancements was not successful, the system further comprises:

the migration module reverses the migration of the one or more enhancements into the system; and

the archive module reinstalls the archived copy of at least a portion of the system into the system.

- 15 28. A system for migrating one or more enhancements into a production system, where the production system comprises one or more program modules and where an enhancement comprises at least one of modifying one or more program modules and adding one or more program modules, the system comprising:

a receiver module for receiving one or more enhancements from a developer;

- 20 a processor module for generating at least one trigger file to be associated with each of the one or more enhancements, where the at least one trigger file is generated based on information associated with the one or more enhancements and the trigger file includes instructions for migrating the enhancements and the one or more enhancements;

- 25 an archiving module for archiving a copy of at least a portion of the system,

where the at least a portion of the system includes a portion of the system to be modified by the at least one enhancement;

a migration module for migrating the one or more enhancements into the system based at least in part on the generated at least one trigger file; and

5 wherein the receiver module receives an indication of whether the migrating of the one or more enhancements was successful.

29. The system according to claim 28, where, if the received indication indicates that the migration of the one or more enhancements was not successful,

10 the migration module reverses the migration of the one or more enhancements into the system; and

the archive module reinstalls the archived copy of at least a portion of the system into the system.

30. The system according to claim 28, where, if the received indication indicates that the migration of the one or more enhancements was not successful, the system
15 further comprises a transmitter module for returning the one or more enhancements to the developer for correction, and wherein:

the receiver module receives the one or more corrected enhancements from the developer;

20 the processor module generates a new trigger file associated with the one or more corrected enhancements;

the migration module migrates the one or more corrected enhancement into the system based at least in part on the generated at least one new trigger file; and

the receiver module receives an indication of whether the migrating of the one or more corrected enhancements was successful.

31. The system according to claim 28, where, if the received indication indicates that the migration of the one or more enhancements was successful, the system further comprises a transmitter module for notifying one or more designated individuals about the successful migration of the one or more enhancements;

5 an acceptance testing module for conducting an acceptance test on one or more enhancements; and

wherein the receiver module receives a second indication of whether the acceptance test was successful from at least one of the one or more designated individuals.

10 32. The system according to claim 31, where, if the received second indication indicates that the acceptance test was successful, the transmitter module further notifies one or more designated individuals that the production system is available for production use.

15 33. The system according to claim 31, where, if the received second indication indicates that the acceptance test was unsuccessful,

the transmitter module returns the one or more enhancements to the developer for correction;

the receiver module receives the one or more corrected enhancements from the developer;

20 the processor module generates a new trigger file associated with the one or more corrected enhancements;

the migration module migrates the one or more corrected enhancement into the system based at least in part on the generated at least one new trigger file; and

25 the receiver module receives an indication of whether the migrating of the one or more corrected enhancements was successful.

34. The system according to claim 28, where, if the received second indication indicates that the migration of the one or more enhancements was not successful,

the migration module reverses the migration of the one or more enhancements into the system; and

5 the archive module reinstalls the archived copy of at least a portion of the system into the system.

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